

REMARKS

Claims 1-23 are pending in the application. Claim 1 has been amended by the present amendment. The amendment is fully supported by the specification as originally filed (see, e.g., specification at page 19, last two lines to page 20, 3<sup>rd</sup> paragraph; and page 31, 2<sup>nd</sup> paragraph to page 35, 1<sup>st</sup> paragraph).

An Information Disclosure Statement (IDS) was filed on August 10, 2004 (see copy attached hereto), and entered into the electronic file of the U.S. Patent and Trademark Office. However, an initialed and signed copy of the Form 1449 has not been received. Applicant kindly requests consideration of the IDS, and return of an initialed and signed copy of the Form 1449.

Independent claims 1, 20, and 23 are pending in the application. Claim 1 has been amended to recite that the log recording/reproducing section makes reference to the log data during the process of re-executing operations stored in the log data. For example, claim 1 recites that the log recording/reproducing section "controls, **with reference to said created log data**, said data creating section and said data reference section to re-execute the operations stored in the log data so as to reproduce a creation of the data file when displaying the data file."

In the Final Office Action, claims 1-23 were rejected under 35 USC 103(a) as being unpatentable over U.S. Patent 6,040,920 to Ichiriki in view of U.S. Patent 6,213,652 to Suzuki et al. (hereinafter "Suzuki"). This rejection is respectfully traversed.

As noted in our response filed on December 21, 2004, Suzuki does not teach or suggest a log recording/reproducing section which (i) creates log data including history data of operations **executed by a data creating section and a data reference section**, and (ii) controls the data creating section and the data reference section to **re-execute the operations stored in the log data** so as to reproduce a creation of the data file when displaying the data file.

On page 12 of the Final Office Action (in the "Response to Arguments" section), it was indicated that Suzuki teaches "a process of logging data" in column 42, lines 32-44. However, as argued previously, Suzuki does not teach or suggest a log recording/reproducing section which creates log data including history data of operations **executed by a data creating section and a data reference section.**

Also, referring to column 48, lines 3-67 and column 49, lines 1-47 of Suzuki, there is no teaching or suggestion of a log file that re-executes the operations stored therein. Suzuki merely discloses that "the contents of processing of the event processing section" are stored as a history in a log file, but does not indicate any further use or reference to the log file.

On page 12, second paragraph of the Final Office Action, it was stated that "Suzuki mentions repeating a process a number of times" (citing column 42, lines 18-30 of Suzuki).

However, in column 42, lines 18-30, Suzuki describes a job execution section 204, which can be a printer for executing a print job, or a converter for converting the format of a print document to page description language. Execution instructions are issued from the job control section 203 to the job execution section 204, where the execution instructions can be "repeatedly issued a necessary number of times" (see column 42, lines 23-27).

As shown in FIG. 27 of Suzuki with reference to the above paragraph, it is apparent that execution instructions are issued by the job control section 203, not from the log file 206. The log file 206 is a separate file for storing "[t]he history of issue of various event" (column 42, lines 35-37). In other words, the job control section 203 does not reproduce a log file, and thus is not a log reproducing section. The instructions repeatedly issued by the job control section 203 are **not** issued as a result of any reproduction of the log file. In fact, the job control section 203 does not even make reference to a log file. Moreover, there is no teaching or suggestion in Suzuki of any section which reproduces a log file.

There is no teaching or suggestion in Suzuki that any information stored in the log file 206 is somehow re-executed in a data creating section or a data reference section, or anywhere else in Suzuki. In Suzuki, without making reference to the log file, the control section 203 cannot possibly re-execute the operations stored in the log file.

For at least the reasons discussed above, the proposed combination of Ichiriki in view of Suzuki does not teach or suggest the Applicant's claimed invention. Therefore, independent claims 1, 20, and 23, and their respective dependent claims, are patentable over this combination.

It is believed that the claims are in condition for immediate allowance, which action is earnestly solicited.

Respectfully submitted,

EDWARDS & ANGELL, LLP

Date: May 9, 2005

By: 

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Attorney Docket No. 55522 (70904)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: T. Sorihashi  
U.S.S.N.: 09/757,726 Art Unit: 2176  
FILED: January 10, 2001 Examiner: R. Singh  
FOR: INFORMATION PROCESSING DEVICE, INFORMATION PROCESSING  
METHOD AND RECORDING MEDIUM STORING COMPUTER  
PROGRAM FOR PROCESSING INFORMATION

**CERTIFICATE OF EXPRESS MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service in an envelope as "Express Mail Post Office Addressee," Mailing Label No. EV437818071US, addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on August 10, 2004.

By: Michelle P. Chicos  
Michelle P. Chicos

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Arlington, VA 22313-1450

Date: August 10, 2004

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. **LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION**

The patents, publications or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. **COPIES**

a. ☒

Submitted herewith is a legible copy of (i) each U.S and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.

III. CONCISE EXPLANATION OF THE RELEVANCE

(check at least one box)

a. ☒ Except as may be indicated below in (b), all of the patents, publications or other information are in the English language or were cited in an English language Search Report, a copy of which is attached hereto (concise explanation not required).

b. ☒ A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is as follows:

See English-language abstracts for references BA-BD.

c. ☒ The following additional information is provided for the Examiner's consideration:

See Japanese Office Action dated July 20, 2004 and English-language translation.

IV. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b)

(check one box)

a. ☐ within three months of the filing date of a national application (37 C.F.R. § 1.97(b) (1)). No fee or certification is required.

b. ☐ within three months of the date of entry of the national stage as set forth in §1.491 in an international application (37 C.F.R. § 1.97(b) (2)). No fee or certification is required.

c. ☒ before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b) (3)). No fee or certification is required. In the event that a first Office Action on the merits has been issued, please consider this IDS under 37 C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below, or, if no certification has been made, charge our deposit account a fee in the amount of \$180.00 as required by 37 C.F.R. § 1.17(p).

V. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(c):  
(check one box)

before the mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § 1.97(c) (1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 (See 37 C.F.R. § 1.97(c) (2)).

a. ☐ No certification; therefore, a fee in the amount of \$180.00 is required by 37 C.F.R. § 1.17(p).

or

b. ☐ See the certification below. No fee is required.

VI. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(d):  
(check both boxes if applicable)

before payment of the Issue Fee (See 37 C.F.R. § 1.97(d)).

a. ☐ See the certification below; and

b. ☐ A fee in the amount of \$180.00 is enclosed as required by 37 C.F.R. § 1.17(p).

VII. CERTIFICATION UNDER 37 C.F.R. § 1.97(e) (check only one box)

The undersigned hereby certifies that

a. ☒ each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS; or

b. ☐ no item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

c. ☐ Some of the items of information were cited in a communication from a foreign Patent Office. As to this information, the undersigned certifies that each item of information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application not more than three months prior to the filing of this IDS. As to the remaining information, the undersigned hereby certifies that no item of this remaining information contained in the IDS was cited in a communication from a foreign Patent Office in a counterpart foreign application or, to the best of my knowledge after making reasonable

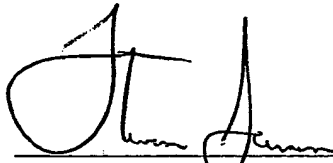
inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing of this statement.

☐ Please charge Deposit Account No. 04-1105 in the amount of \_\_\_\_\_ for the above-indicated fee. A triplicate copy of this paper is attached.

☒ No fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition, if necessary) and charge the appropriate fee to Deposit Account No. 04-1105.

Respectfully submitted,

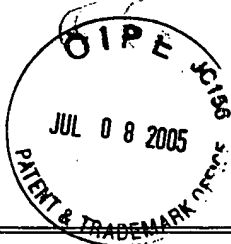


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Sheet 1 of 1

**FORM PTO-1449  
INFORMATION DISCLOSURE STATEMENT**

ATTY DOCKET NO.

55522 (70904)

SERIAL NO.

09/757,726

APPLICANT(S): T. Sorihashi

FILING DATE: January 10, 2001 ART UNIT: 2176

**UNITED STATES PATENT DOCUMENTS**

EXAM. INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILE DATE IF APPR

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	PUBLISHED DATE	COUNTRY	CLASS	SUB CLASS	TRAN YES/NO
	BA	11-259459	09/1999	JAPAN			See Abstract in English
	BB	10-254863	09/1998	JAPAN			See Abstract in English
	BC	08-063465	03/1996	JAPAN			See Abstract in English
	BD	06-301678	10/1994	JAPAN			See Abstract in English

**OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)**


Examiner:

Date: